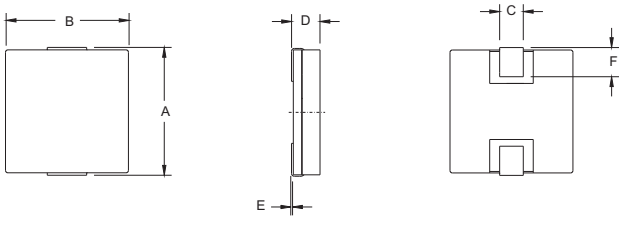
SMT Power Inductor

HAH1340 Type

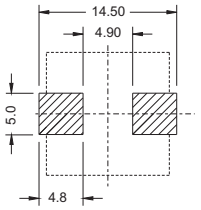
Features

- RoHS compliant.
- Low profile (4.0mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.

Mechanical Dimension:



RECOMMENDED PAD PATTERNS



UNIT : mm / inch
A= 13.0±0.5 / 0.512±0.020
B= 12.7±0.4 / 0.500±0.016
C= 2.40 / 0.094
D= 4.00 / 0.157 Max.
E= 0.03 / 0.001
F= 3.00 / 0.118

Electrical Characteristics: At 25°C: 100KHz, 1V

PART NO.	Lo[1] (uH)	Li (uH) ±20%	DCR (mΩ) MAX	Isat[2] (Adc)
HAH1340-0R2	0.25	0.20	0.80	40
HAH1340-0R6	0.60	0.50	2.50	30
HAH1340-1R2	1.20	1.00	3.45	22
HAH1340-1R8	1.80	1.60	12.00	12
HAH1340-2R7	2.70	2.40	14.00	10

1. Lo is the initial inductance.
2. Isat is the DC current which cause the inductance drop to Li.
3. Operating temperature : -20°C to 105°C (including self-temperature rise).

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